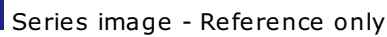


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**1.20mm by 2.00mm Pitch HD Mezz™ Plug, 273 Circuits, 12.00mm Unmated Height, 21 Rows, Tin (Sn) Plating**



**Status:** Obsolete

**Replacement:** Contact Molex

**Series:** [45830](#)

**Category:** PCB Headers

**Overview:** [HD Mezz Mezzanine Connector System](#)

**Mates With Part(s):**

45802 HD Mezz™ Receptacle

## Product Environmental Compliance

**EU ELV**:Product not active

**EU RoHS:**Product not active

**EU RoHS Phthalates:**Product not active

### China RoHS:

**REACH SVHC:**Product not active

**Low-Halogen Status**:Product not active

## Part Detail

## General

<b>Status</b>	<b>Obsolete</b>
<b>Category</b>	PCB Headers
<b>Series</b>	<a href="#">45830</a>
<b>Application</b>	Board-to-Board, Signal
<b>Comments</b>	1.20mm Pitch Pin-to-Pin and 2.00mm Pitch Row-to-Row
<b>Overview</b>	<a href="#">HD Mezz Mezzanine Connector System</a>
<b>Product Name</b>	HD Mezz™
<b>UPC</b>	800756958729

## Physical

<b>Breakaway</b>	No
<b>Circuits (Loaded)</b>	273
<b>Circuits (maximum)</b>	273
<b>Color - Resin</b>	Black
<b>Durability (mating cycles max)</b>	100
<b>First Mate / Last Break</b>	No
<b>Flammability</b>	94V-0
<b>Glow-Wire Compliant</b>	No
<b>Guide to Mating Part</b>	No
<b>Keying to Mating Part</b>	None

Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	17.914/g
Number of Rows	21
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	1.20mm
Pitch - Termination Interface	1.20mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Vacuum Pick-Up Clip
Shrouded	Closed Ends
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Surface Mount
Unmated Height	12.00mm
Electrical	

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	2.0A
Voltage - Maximum	250V AC
Agency Certification	

Please find UL Certificates by searching the UL Database using the Molex Series Number. [Click here to visit the UL Database](#)

CSA	LR19980
UL	E29179

Solder Process Data

Solderability Shelf Life Statement

Duration at Max. Process Temperature (seconds)	020
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)

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